

Fig. 1

1/15

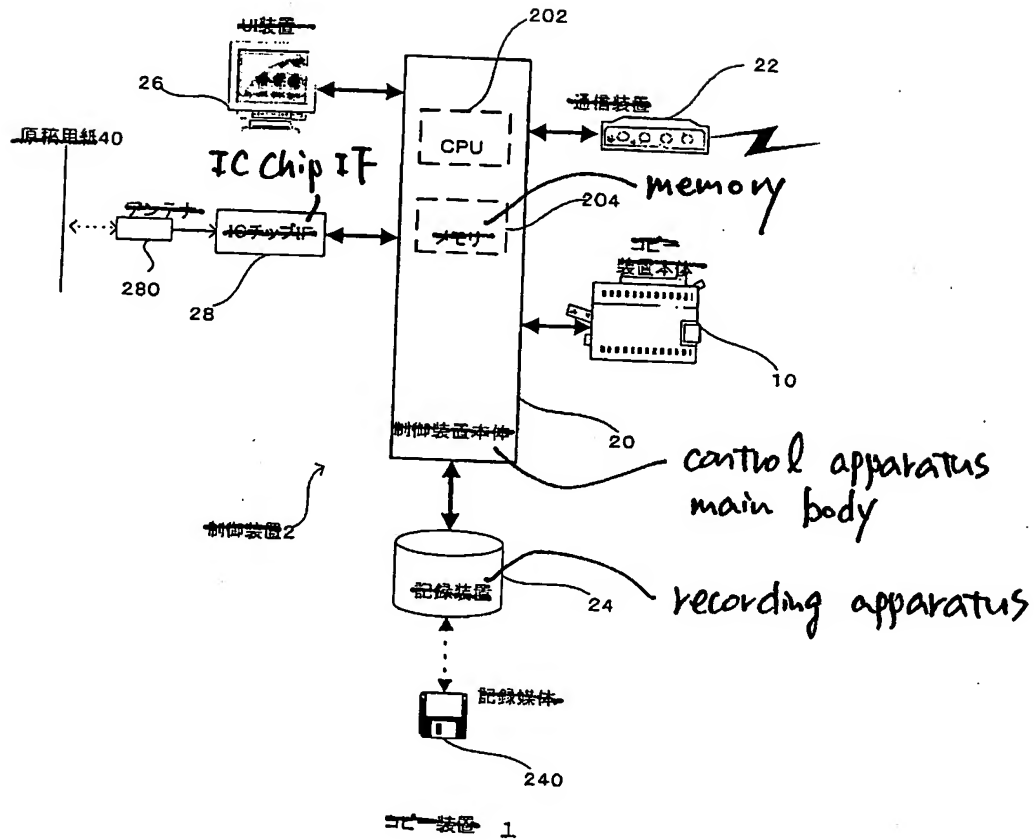


Fig. 2A

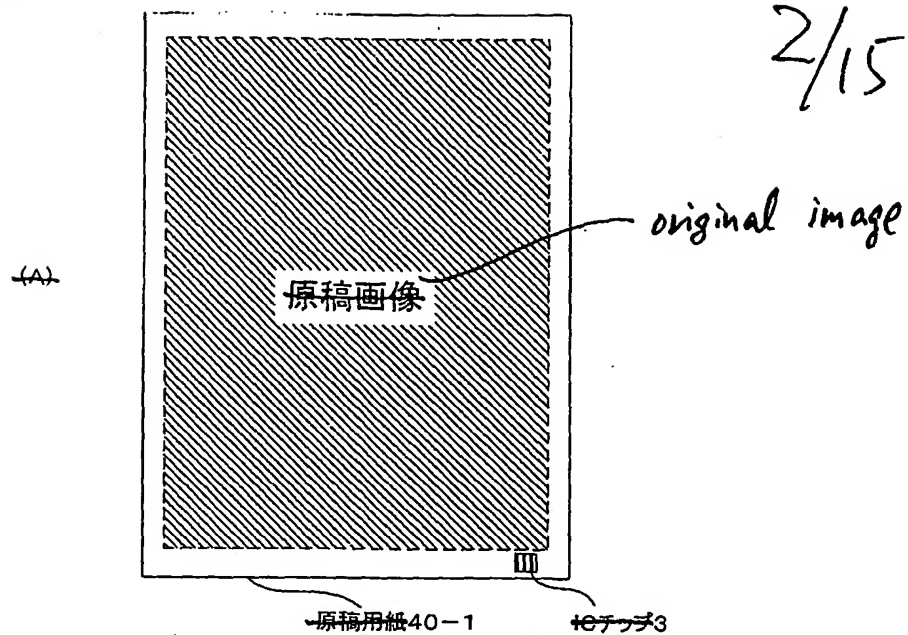
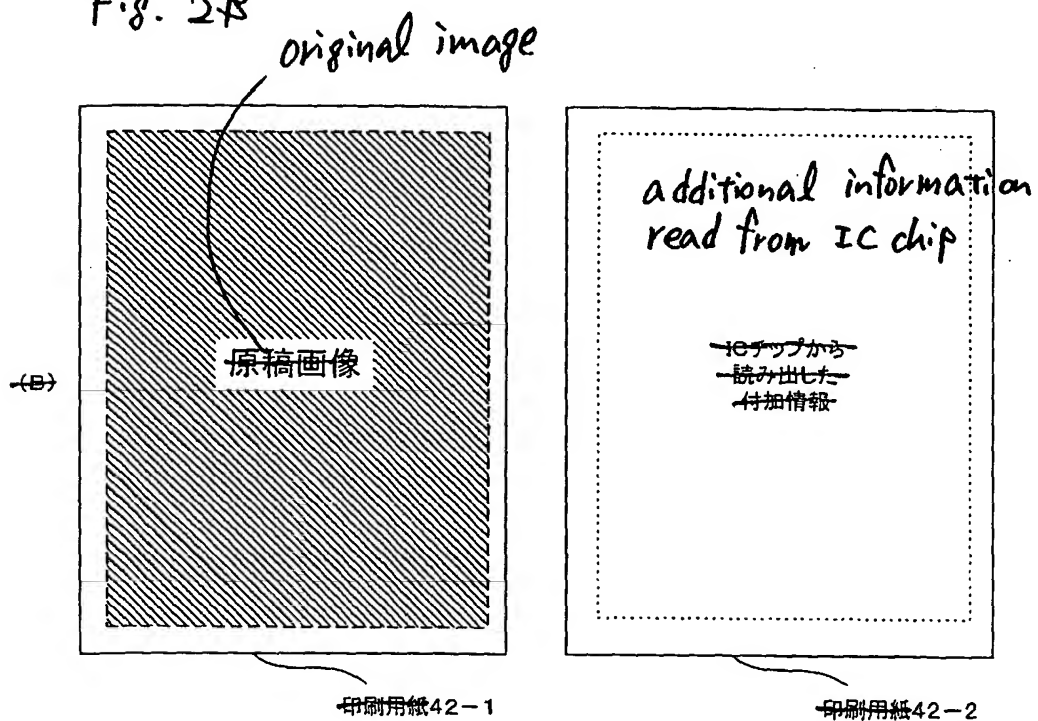


Fig. 2B



3/15

Fig. 3

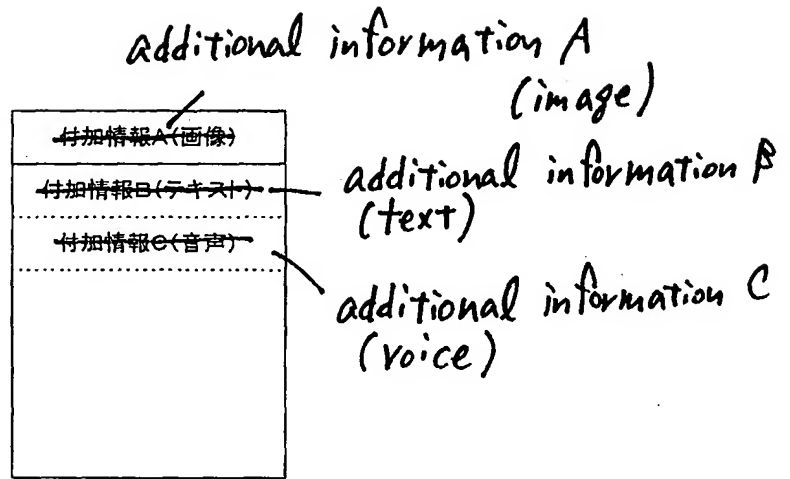
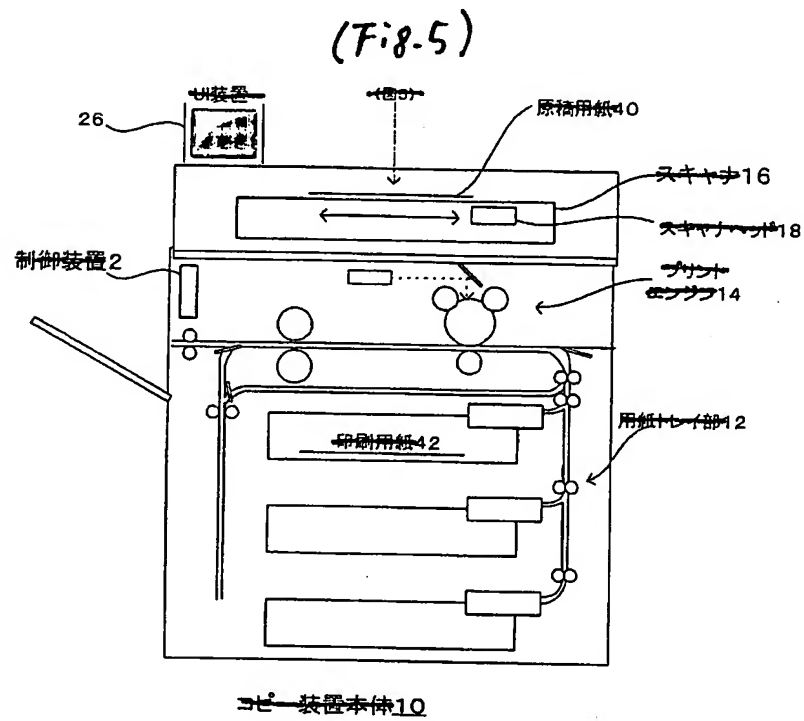


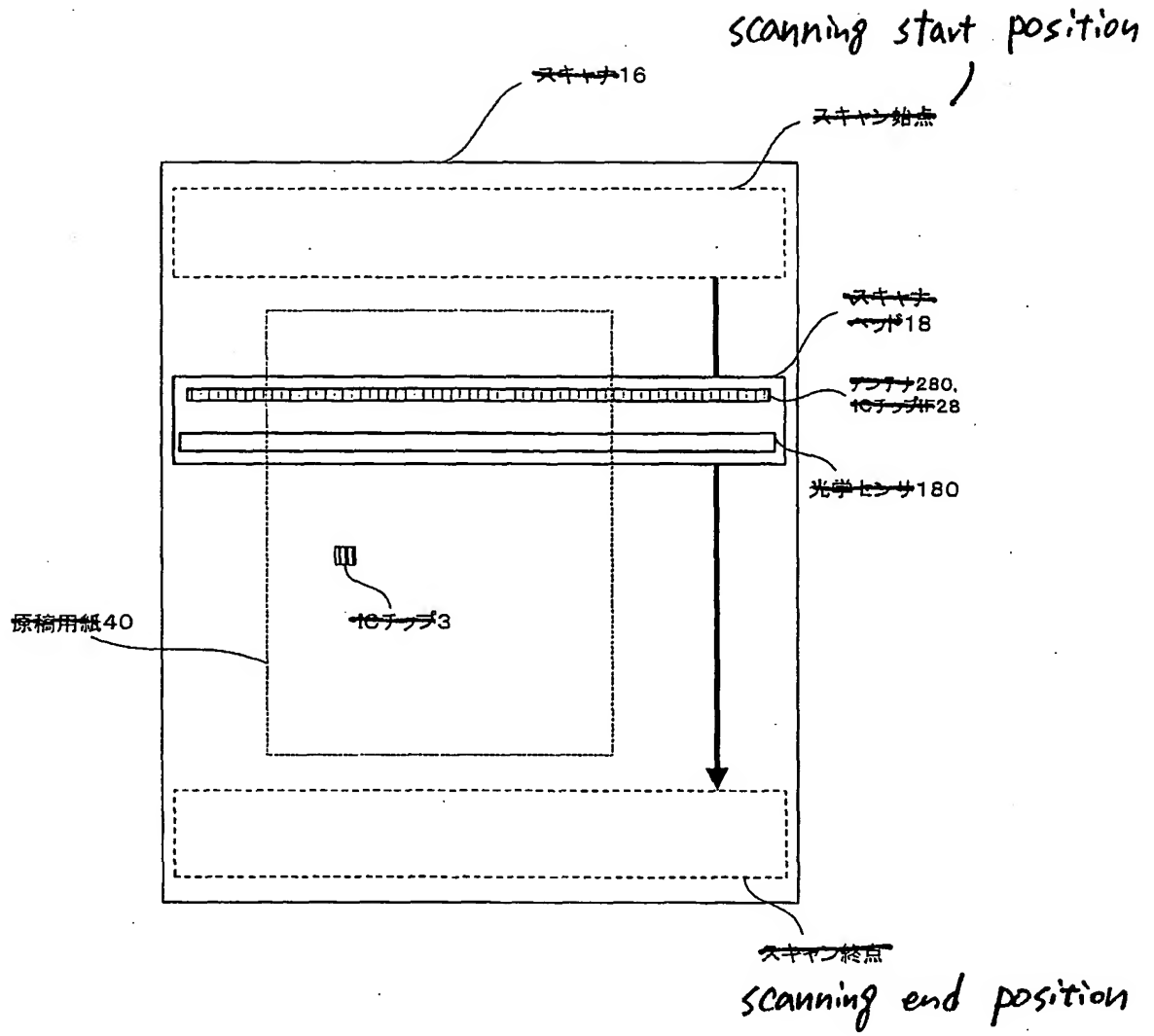
Fig. 4

4/15



5/15

Fig. 5



6/15

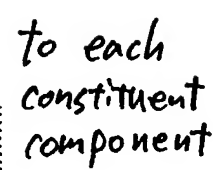


Fig. 6

- 320 clock reproducing circuit
- 322 memory circuit
- 324 data transmitting circuit
- 326 power supply circuit

7/15

Fig. 7

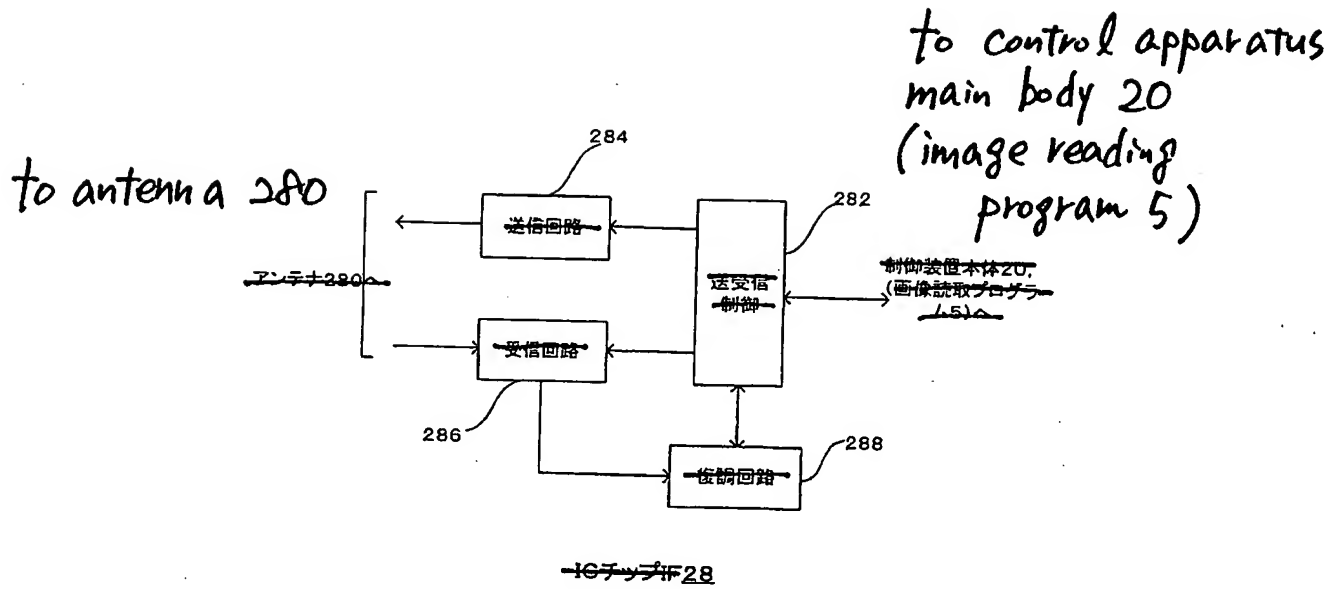


Fig. 7

282 transmission/reception control circuit
284 transmitting circuit
286 reception circuit
288 demodulating circuit

Fig. 8

8/15

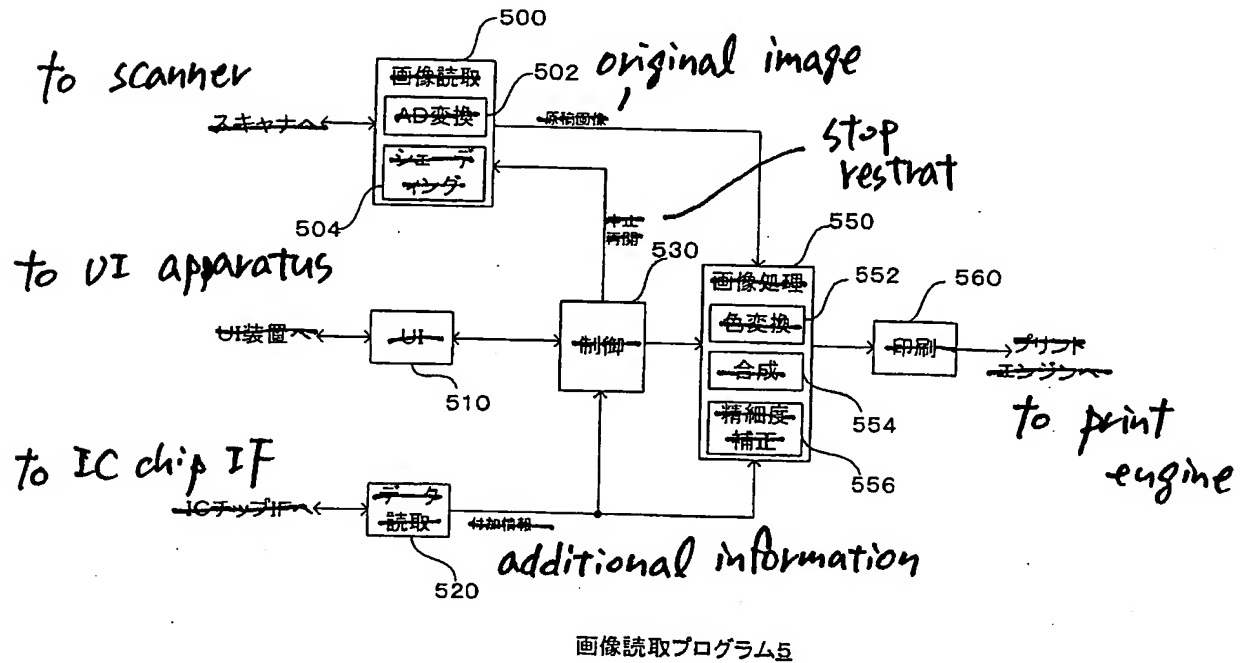
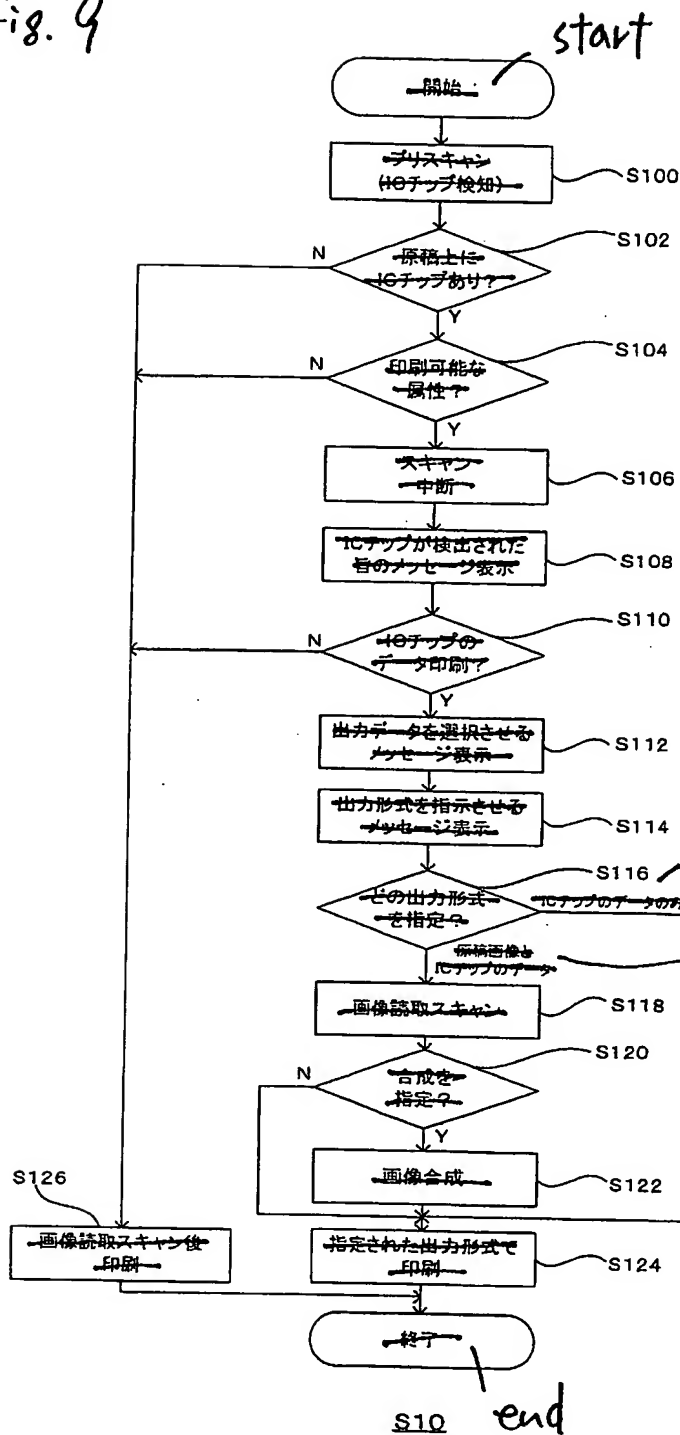


Fig. 8

500 image reading section
502 A/D converting section
504 shading section
510 UI section
520 data reading section
530 control section
550 image processing section
552 color converting section
554 synthesizing section
556 precision correcting section
560 printing section

Fig. 9



9/15

only data
of IC chip
original image
and data of
IC chip

Fig. 9

S100 prescan (detect IC chip)
S102 is IC chip present on original?
S104 is attribute printable?
S106 stop scanning
S108 display message indicating that IC chip is detected
S110 print data stored in IC chip?
S112 display message to promote user to select output data
S114 displaymessage to promote user to designate output format
S116 which output format is designated?
S118 scan to read image
S120 is synthesis designated?
S122 synthesize image
S124 print in designated output format
S126 print after scanning to read image

Fig. 10

10/15

IC chip is detected on an original.

IC chip stores additional information
regarding *** restaurant.

Do you print the additional information?

原稿上にICチップが検出されました。
***レストランに関する追加情報が
あります。
情報を印刷しますか？

Yes No

図26装置

Fig. 11

11/15

which information do you print?

output outward
appearance of
restaurant

output state
inside restaurant

output recommended
menu

どの情報を印刷しますか？

レストラン外観を出力

レストラン内部の様子を出力

おすすめメニューを出力

メニューリストを出力

output menu list

UI装置26

Fig. 12

12/15

Please designate output format.

output only
additional
information

出力する形式を指定してください。

☐ 追加情報のみを出力

☐ 原稿と追加情報を別々に出力

☐ 原稿と追加情報を並べて出力

☐ 原稿と追加情報を両面に出力

装置26

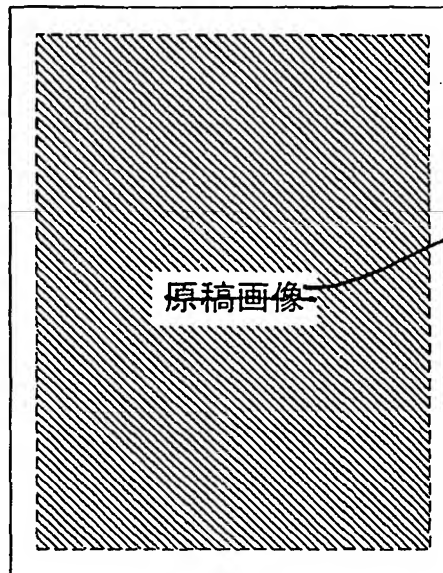
output original and
additional information
separately

output original and
additional information
side by side

output original and
additional information
on both sides

Fig. 13A

(A)



13/15

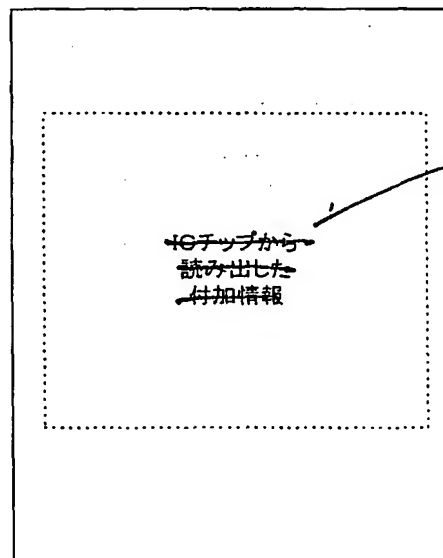
original
image

printing paper 42
(front surface)

印刷用紙42(表面)

Fig. 13B

(B)



additional information
read from IC chip

印刷用紙42(裏面)

printing paper 42
(rear surface)

Fig. 14

14/15

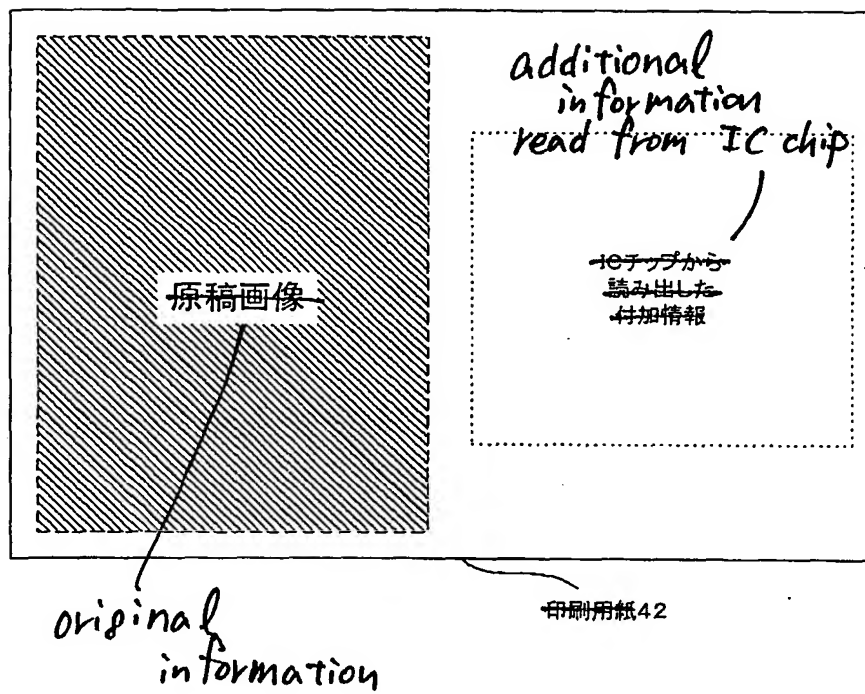
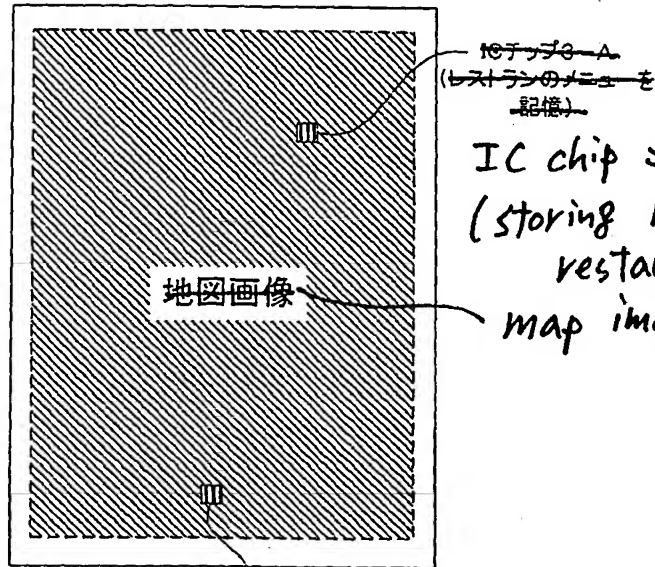


Fig. 15A

(A)



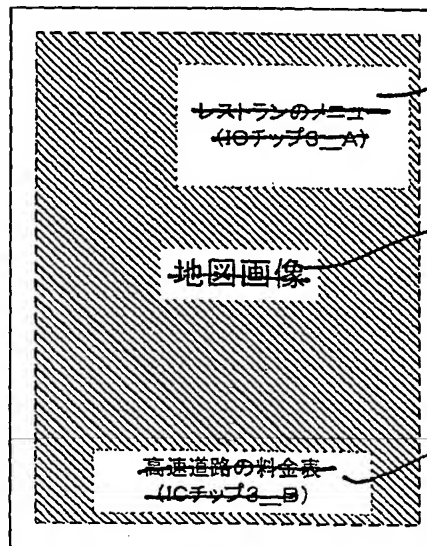
15/15

IC chip 3-A
(storing menu of restaurant)
map image

IC chip 3-B
(storing fare table of highway)

Fig. 15B

(B)



menu of restaurant
(IC chip 3-A)

map image

fare table of highway
(IC chip 3-B)

印刷用紙42